

**Fish and Wildlife Statewide Law Enforcement Equipment  
Replacement**

**FY2003 Request: \$300,000**  
**Reference No: 6127**

**AP/AL:** Appropriation

**Project Type:** Equipment

**Category:** Public Protection

**Location:** Statewide

**Contact:** Kenneth E. Bischoff

**Election District:** Statewide

**Contact Phone:** (907)465-4336

**Estimated Project Dates:** 07/01/2002 - 06/30/2004

**Brief Summary and Statement of Need:**

Replacement of FWP Statewide Law Enforcement Equipment required for the day-to-day enforcement activity of this division. For example, to purchase and replace equipment such as skiffs, outboard motors, snowmachines, All-Terrain-Vehicles, and other equipment required in enforcement patrols and search and rescue operations.

**Funding:**

	FY2003	FY2004	FY2005	FY2006	FY2007	FY2008	Total
Gen Fund	\$300,000	\$1,169,500	\$750,000	\$750,000	\$750,000	\$750,000	\$4,469,500
Total:	\$300,000	\$1,169,500	\$750,000	\$750,000	\$750,000	\$750,000	\$4,469,500

<input type="checkbox"/> State Match Required	<input type="checkbox"/> One-Time Project	<input type="checkbox"/> Phased Project	<input checked="" type="checkbox"/> On-Going Project
0% = Minimum State Match % Required		<input type="checkbox"/> Amendment	<input type="checkbox"/> Mental Health Bill

**Operating & Maintenance Costs:**

	<u>Amount</u>	<u>Staff</u>
Total Operating Impact:	0	0
One-Time Startup Costs:	0	
Additional Estimated Annual O&M:	0	0

**Prior Funding History / Additional Information:**

Sec 1, Ch 61, SLA 2001, \$205.0  
Sec 1, Ch 135, SLA 2000, \$205.3  
Sec 83(a), Ch 2, SLA 1999, \$368.0  
Sec 5, Ch 139, SLA 1998, \$251.0  
Sec 131, Ch 139, SLA 1998, \$49.0  
Sec 82, Ch 100, SLA 1997, \$150.0  
Sec 10, Ch 4, SLA 1994, \$125.0

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## PROJECT DESCRIPTION

To replace critical equipment used to accomplish Division patrol missions such as outboard motors, snowmachines, All-Terrain Vehicles, and other equipment required to protect State fish and wildlife resources. The need to replace aging Boston Whaler boats has become extreme. These boats are the major conveyance used to contact commercial and sport fishermen. Many of these boats are 15-20 years old and must be replaced for efficiency and safety reasons. Outboard engines, snow mobiles, and ATVs must be replaced as they wear out and become unsafe. Field patrols cannot be performed without dependable equipment.

## PROJECT NEED STATEMENT

This project is needed to provide "tools of the trade" equipment required in enforcement patrols and search and rescue operations. Such equipment continually needs replacement because of constant use. Fish & Wildlife Protection Troopers need dependable equipment as they routinely work alone, often many miles from any form of assistance. They must rely solely on the equipment at hand. Using worn out equipment jeopardizes safety and lives of the field enforcement personnel. Worn out equipment requires more time spent on maintenance by troopers who should be out monitoring commercial fisheries, patrolling salmon streams or monitoring hunting areas. Without dependable equipment, patrols decline, performance measures drop, and violations rise, leading to a decline in game and fish populations. To accomplish its mission of protecting the fish and wildlife resources of Alaska, the division must be able to provide safe and dependable equipment replacements. Underfunding in previous years has caused the present critical need for replacement boats and equipment. This CIP funding amount is the minimally acceptable level required to support the Division's equipment needs. The Division's communication equipment and patrol vessel type boat needs remain unaddressed. This is due to the Division's requirement to balance the funding level from it's original request. Mission critical priorities may shift during the year and funds may have to be spent on the unaddressed items rather than those identified below.

## DOCUMENTATION OF ESTIMATED CAPITAL COSTS

The cost of the equipment needs projected in FY03 as listed below are based upon current market prices:

### Equipment - FY03

Equipment:	Number	Cost Per Item	Total Cost
Boats, patrol vessel type	0	75,000	\$ 0
Outboards *	12	9,000	108,000
Inboard Diesel Engines	2	16,000	32,000
Riverboats *	1	10,000	10,000
Snowmachine	6	6,200	37,200
ATV, 4x4	6	6,100	36,600
Lightbar systems	8	1,500	12,000
Trailers *	4	2,500	10,000
Computers *	6	2,700	16,200
Copy Machines	2	6,000	12,000
Support Equipment**	-	-	26,000
			300,000
Communications Equipment			0
		TOTAL	\$300,000

\* Equipment's cost per item has been averaged.

\*\* Support items such as video cameras, regular cameras, binoculars, printers, studded snow tires, GPS units, telephones, office equipment, etc.

The funding request for FY04 through FY08 is to be able to continue to provide the yearly needs as stated in FY03.

## ANALYSIS OF ESTIMATED OPERATIONAL COSTS

There would be no additional operating costs, as this project provides for mostly replacement of existing worn out and surplus equipment.

## IDENTIFICATION OF ALTERNATIVES CONSIDERED

## Fish and Wildlife Statewide Law Enforcement Equipment Replacement

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1. No new or replacement equipment: Some equipment can be repaired until it reaches a point where it is no longer repairable due to a lack of parts and/or operating budget funds. Some equipment simply cannot be repaired due to the degree of damage or extent of breakdown. At that point, the equipment has to be surplus and the troopers can no longer conduct their patrols safely and effectively.
2. Rent necessary equipment: Rental equipment can be used where available; however, the present FWP operating budget does not contain funds to support rentals, nor are many items readily available when needed or in suitable condition for patrol use due to the extended hours of use and adverse weather conditions.

### PROJECT EVALUATION STATEMENT

This is an annual Capital Improvement Project (CIP) which establishes funding for procurement of equipment needed to effectively perform resource enforcement and search and rescue activities. Without annual equipment replacement, the goal of avoiding major life/safety problems or crisis may not be met. In effective law enforcement, it is crucial to have operational equipment, which is readily available for the trooper's use. If not, the life of the trooper or citizens or the resource he has sworn to protect may be in jeopardy. No alternate funding exists for this project. Deferment of funding would realize an almost immediate impact to program efforts if replacement equipment were not available.

### COMMUNICATIONS EQUIPMENT \$0.0

#### PROJECT DESCRIPTION

This project allows for the purchase of communications equipment needed to replace worn-out or obsolete equipment such as vehicle radios, portable radios, and side-band radios. This is necessary for the safety of the troopers and the coordination of field activities.

#### PROJECT NEED STATEMENT

Dependable communications link between the troopers in the field and dispatch is critical to officer safety. Skiffs operate over long distances and must be equipped with communications equipment adequate to provide a safety margin for the troopers using them. Search and rescue is another area of law enforcement where communication is critical for fast, effective deployment of our rescue personnel. The vehicle radios requested to purchase would replace patrol vehicle radios that are too old to be completely compatible with the communications system in their area. Many have had years of use on dusty roads, bumpy terrain, and are no longer dependable for extended patrol action or where a full communication link is critical, e.g., search and rescues. The portable radios requested are needed to provide a method of communication when the trooper is in the field and away from the vehicle or vessel. Air to ground communications is extremely important to coordinate the operations between the surveillance aircraft and the field personnel it supports.

### DOCUMENTATION OF ESTIMATED CAPITAL COSTS

#### Police Radios - FY03

<u>Equipment:</u>	<u>Number</u>	<u>Cost Per Item</u>	<u>Total Cost</u>
Patrol vehicle radios	0	3,700	\$ 0
Portable hand radios	0	2,700	0
		TOTAL	\$ 0

The funding request for FY04 through FY08 is to be able to continue to provide the yearly needs as stated in FY03.

#### CIP History:

Budgeted - FY95 = \$125,000, FY96 = \$0, FY97 = \$0, FY98 = \$150.0, FY99 = \$300.0, FY00 = \$368.0, FY01 = \$205.3, and FY02 = \$205.0.

### ANALYSIS OF ESTIMATED OPERATIONAL COSTS

This project will not result in any additional operating costs.

### IDENTIFICATION OF ALTERNATIVES CONSIDERED

1. No new or replacement equipment: Operations of the division will be suspended when worn-out

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communications equipment jeopardizes the safety of the field personnel.

2. Continue to have the equipment repaired: There is a point where it costs more to repair an item than the item is worth, along with the incompatibility factor of older equipment trying to interface with new communications technology. Often times, the equipment cannot be repaired.